Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 29 Mar 2021 until 23:59 on Tuesday 30 Mar 2021

Forecast Issued on Sunday 28 Mar 2021 at 15:10

Confidence: High for general themes. Medium for cloud amounts.

Headline for Monday 29 Mar 2021: Cloudy with drizzle and mist at first. Soon dry and becoming brighter. Windy.

Mountain weather hazards on Monday 29 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Drizzle	Mist	Cloudy	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability							
50%	50%	60%	30%	20%	10%	10%	<05%

Forecast for Monday 29 Mar 2021

Weather: Outbreaks of rain and drizzle overnight and during the early morning. Soon dry and the cloud beginning to lift, perhaps a few sunny breaks developing through the afternoon. Staying dry with broken cloud cover in the evening. Windy and feeling chilly over the tops.

Chance of cloud free mountain/hill tops above 600m: Nil to 30% becoming 80% in the afternoon.

Visibility: Moderate or poor, but very poor at height, becoming mostly good or very good in the afternoon. Extensive or overcast cloud, base 300 to 600m, becoming 600m to 900m in the afternoon, perhaps breaking at times.

Forecast for Monday 29 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	37/51 SW	36/51 SW	33/47 SW	32/45 SW	31/45 SW	27/39 SW	24/35 SW	22/32 SW	20/28 SW
300	22/46 SW	23/48 SW	21/43 SW	21/42 SW	22/43 SW	19/39 SW	17/35 SW	16/33 SW	13/29 SW
Valley	20/45 SW	20/44 SW	19/41 SW	19/40 SW	18/38 SW	15/34 SW	14/30 SW	12/27 SW	8/21 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/1	7/1	7/1	7/2	8/2	8/3	7/2	6/1	5/-0
300	8/4	8/4	8/4	8/4	9/5	10/6	9/5	8/4	7/3
Valley	9/6	9/6	9/5	9/6	10/6	10/7	10/7	9/6	8/6
Freezing Level*	2600m	2600m	2500m	2600m	2500m	2500m	2400m	2100m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing further to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 28 Mar 2021	16.8mm	27.6mm	32mm

Forecast for Tuesday 30 Mar 2021
Weather: Patchy low cloud and mist overnight and during the morning, lifting and breaking with bright and sunny spells.

Maximum wind: Southwest 15 to 25 gusting 35mph.

Chance of cloud free mountain/hill tops above 600m: 50% at first, becoming 90% in the afternoon.

Visibility: Mostly good or very good, but locally poor or very poor at first. Patchy cloud with bases 300m or less possible early in the day, otherwise no significant cloud.

Temperature: **Valleys:** Plus 7 Celsius rising to 18 Celsius
At 600m: Plus 5 to 10 Celsius
Freezing level: Above the summits.